



## II. 510(K) Summary of Safety and Effectiveness

(Per 21 CFR 807.92)

### 2.1. General Information Establishment

- Manufacturer: **VISGENEER, INC.**
- Address: 3F-2, No.83, Sec. 2, Gongdao 5<sup>th</sup> Road, Hsinchu City, Taiwan, 30070
- Registration Number: 3005644014
- Contact Person: Dr. Jen, Ke-Min Official Correspondent  
886-3-5208829 (Tel) 886-3-5209783 (Fax)
- Date Prepared: August 25, 2006

### Device

- **Proprietary Name:** eBsensor Blood Glucose Monitoring System, eB-G
- **Common Name:** Blood Glucose Monitoring System
- **Classification Name:** SYSTEM, TEST, BLOOD GLUCOSE,  
OVER THE COUNTER, Class II,

### 2.2. Safety and Effectiveness Information

- **Predicate Device:**  
Claim of Substantial Equivalence (SE) is made to LIFESCAN, INC. – One Touch Ultra Blood Glucose Monitoring System (K043197)
- **Device Description:** Based on an electrochemical biosensor technology and the principle of capillary action, eBsensor Blood Glucose Monitoring System, eB-G only needs a small amount of blood. Capillary action at the end of the test strip draws the blood into the action chamber and your blood glucose result is precisely and displayed in 10 seconds.



## VISGENEER INC.

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[Http://www.visgeneer.com.tw](http://www.visgeneer.com.tw)

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- **Intended Use:**

The eBsensor Blood Glucose Monitoring System, eB-G is intended for the quantitative measurement of glucose in fresh capillary whole blood. Testing is done outside the body ( in vitro diagnostic use). It is indicated for use at home ( over the counter [OTC] ) by person with diabetes, or in clinical setting by health care professionals, as an aid to monitor the effectiveness of diabetes control.

- **Synopsis of Test Methods and Results**

Pre-clinical and clinical data are employed upon submission of this 510(K) premarket notification according to the Guidance Document for In Vitro Diagnostic Test System; Guidance for Industry and FDA document provided by CDRH/ FDA.

- **Substantial Equivalence (SE)**

A claim of substantial equivalence is made to LIFESCAN, INC. – One Touch Ultra Blood Glucose Monitoring System (K043197). Both of them have the same working principle and technologies. The differences are electric voltage, dimensions of the unit and strip, weight. There are no safety and effectiveness aspects arising from the subject device. They are substantially equivalent.

Ke-Min Jen, Dr.  
Official Correspondent for  
VISGENEER, INC.



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

Food and Drug Administration  
2098 Gaither Road  
Rockville MD 20850

Dr. Jen, Ke-Min  
Official Correspondent  
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Hsinchu City, Taiwan 30070

DEC 27 2006

Re: k062555  
Trade/Device Name: eBsensor Blood Glucose Monitoring System, Eb-G  
Regulation Number: 21 CFR §862.1345  
Regulation Name: Glucose test system  
Regulatory Class: Class II  
Product Code: NBW, CGA, JJX  
Dated: December 12, 2006  
Received: December 15, 2006

Dear Dr. Jen:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the Federal Register.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Parts 801 and 809); and good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820).

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This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific information about the application of labeling requirements to your device, or questions on the promotion and advertising of your device, please contact the Office of In Vitro Diagnostic Device Evaluation and Safety at (240) 276-0490. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (240) 276-3150 or at its Internet address at <http://www.fda.gov/cdrh/industry/support/index.html>.

Sincerely yours,

*Jean M. Cooper, M.S., D.V.M.*

Jean M. Cooper, M.S., D.V.M.

Director

Division of Chemistry and Toxicology

Office of *In Vitro* Diagnostic Device

Evaluation and Safety

Center for Devices and

Radiological Health

Enclosure



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## Indications for Use

510 (K) Number ( If Known ): K062555

Device Name: eBsensor Blood Glucose Monitoring System, eB-G

### Indications for Use:

The eBsensor Blood Glucose Monitoring System, eB-G is intended for the quantitative measurement of glucose in fresh capillary whole blood **from the finger**. Testing is done outside the body ( in vitro diagnostic use). It is indicated for use at home ( over the counter [OTC] ) by person with diabetes, or in clinical setting by health care professionals, as an aid to monitor the effectiveness of diabetes control.

Prescription Use \_\_\_\_\_

AND/OR Over-The-Counter Use ✓

(Part 21 CFR 801 Subpart D)

(21 CFR 807 Subpart C)

(PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE IF NEEDED)

Concurrence of CDRH, Office of In Vitro Diagnostic Devices (OIVD)

  
Division Sign-Off

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Office of In Vitro Diagnostic  
Device Evaluation and Safety

510(k) K062555